



PTO/SB/08a (08-03)

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Substitute Form 1412A-PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of 24

Complete if Known

Application Number	10/625,840
Filing Date	July 23, 2003
First Named Inventor	David M. Haugen
Art Unit	3676
Examiner Name	Zakiya W. Bates
Attorney Docket Number	WEAT/0116.C1

U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
30	A1	US-6,899,772	05-10-2005	Buytaert et al.	Class Sub
	A2	US-6,899,186	05-31-2005	Galloway et al.	
	A3	US-6,896,075	05-24-2005	Haugen et al.	
	A4	US-6,892,835	05-17-2005	Shahin et al.	
	A5	US-6,877,553	04-12-2005	Cameron	
	A6	US-6,868,906	03-22-2005	Vail, III et al.	
	A7	US-6,857,487	02-22-2005	Galloway	
	A8	US-6,857,486	02-22-2005	Chitwood et al.	
	A9	US-6,854,533	02-15-2005	Galloway	
	A10	US-6,848,517	02-01-2005	Wardley	
	A11	US-6,840,322	01-11-2005	Haynes	
	A12	US-6,832,656	12-21-2004	Cameron	
	A13	US-6,776,233	08-17-2004	Maehan	
	A14	US-6,752,211	06-22-2004	Dewey, et al.	
	A15	US-6,745,834	06-08-2004	Davis et al.	
	A16	US-6,725,924	04-27-2004	Davidson et al.	
	A17	US-6,708,769	03-23-2004	Haugen et al.	
	A18	US-6,702,040	03-09-2004	Sensenig	
	A19	US-6,668,937	12-30-2003	Murray	
	A20	US-6,668,684	12-30-2003	Allen et al.	
	A21	US-6,666,274	12-23-2003	Hughes	
	A22	US-6,655,460	12-02-2003	Bailey et al.	
	A23	US-6,651,737	11-25-2003	Bouligny	
	A24	US-6,634,430	10-21-2003	Dawson et al.	

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This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Sheet 2 of 24

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		Number - Kind Code ² (if known)			
JB	A25	US-6,591,471	07-15-2003	Hollingsworth et al.	class 5 sub
	A26	US-6,585,040	07-01-2003	Hanton et al.	
	A27	US-6,554,064	04-29-2003	Restarick et al.	
	A28	US-6,547,017	04-15-2003	Vail, III	
	A29	US-6,543,552	04-08-2003	Melcalfe, et al.	
	A30	US-6,538,576	03-25-2003	Schultz et al.	
	A31	US-6,538,993	03-25-2003	Strong, et al.	
	A32	US-6,536,522	03-25-2003	Birkhead et al.	
	A33	US-6,527,064	03-04-2003	Hallundbaek	
	A34	US-6,527,047	03-04-2003	Pietras	
	A35	US-6,497,280	12-24-2002	Beck et al.	
	A36	US-6,484,818	11-26-2002	Alft et al.	
	A37	US-6,464,004	10-15-2002	Crawford et al.	
	A38	US-6,464,011	10-15-2002	Tubel	
	A39	US-6,457,532	10-01-2002	Simpson	
	A40	US-6,458,471	10-01-2002	Lovato et al.	
	A41	US-6,443,247	09-03-2002	Wardley	
	A42	US-6,443,241	09-03-2002	Juhasz et al.	
	A43	US-6,427,776	08-06-2002	Hoffman et al.	
	A44	US-6,419,033	07-16-2002	Hahn et al.	
	A45	US-6,419,014	07-16-2002	Meek et al.	
	A46	US-6,412,574	07-02-2002	Wardley et al.	
	A47	US-6,408,943	06-25-2002	Schultz et al.	
	A48	US-6,405,798	06-18-2002	Barrett et al.	

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		Number - Kind Code ² (if known)			
ZJB	A49	US-6,397,946	06-04-2002	Vail, III	Class Figures Sub
	A50	US-6,378,630	04-30-2002	Ritorto et al.	
	A51	US-6,378,627	04-30-2002	Tubel et al.	
	A52	US-6,378,633	04-30-2002	Moore	
	A53	US-6,374,924	04-23-2002	Hanton et al.	
	A54	US-6,371,203	04-16-2002	Frank et al.	
	A55	US-6,367,566	04-09-2002	Hill	
	A56	US-6,359,569	03-19-2002	Beck et al.	
	A57	US-6,357,485	03-19-2002	Quigley et al.	
	A58	US-6,431,626	03-13-2002	Bouliny	
	A59	US-6,343,649	02-05-2002	Beck et al.	
	A60	US-6,325,148	12-04-2001	Trahan et al.	
	A61	US-6,315,051	11-13-2001	Ayling	
	A62	US-6,298,066	10-02-2001	Terry et al.	
	A63	US-6,263,987	07-24-2001	Vail, III	
	A64	US-6,237,684	05-29-2001	Bouliny, Jr., et al.	
	A65	US-6,234,257	05-22-2001	Ciglenec et al.	
	A66	US-6,220,117	04-24-2001	Butcher	
	A67	US-6,216,533	04-17-2001	Woloson, et al.	
	A68	US-6,217,258	04-17-2001	Yamamoto, et al.	
	A69	US-6,206,112	03-27-2001	Dickinson, III et al.	
	A70	US-6,196,336	03-06-2001	Fincher et al.	
	A71	US-6,189,621	02-20-2001	Vail, III	
	A72	US-6,189,616	02-20-2001	Gano, et al.	

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Sheet 4 of 24

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First Named Inventor	David M. Haugen
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		Number - Kind Code ² (if known)			
3B	A73	US-6,186,233	02-13-2001	Brunet	Class 3676 Sub
	A74	US-6,182,776	02-06-2001	Asberg	
	A75	US-6,172,010	01-09-2001	Argillier et al.	
	A76	US-6,170,573	01-09-2001	Brunet et al.	
	A77	US-6,158,531	12-12-2000	Vail, III	
	A78	US-6,155,360	12-05-2000	McLeod	
	A79	US-6,135,208	10-24-2000	Gano, et al.	
	A80	US-6,119,772	09-19-2000	Pruet	
	A81	US-6,098,717	08-08-2000	Bailey et al.	
	A82	US-6,070,671	06-06-2000	Cumming et al.	
	A83	US-6,065,550	05-23-2000	Gardes	
	A84	US-6,062,326	05-16-2000	Strong et al.	
	A85	US-6,061,000	05-09-2000	Edwards	
	A86	US-6,059,053	05-09-2000	McLeod	
	A87	US-6,059,051	05-09-2000	Jewkes et al.	
	A88	US-6,035,953	03-14-2000	Rear	
	A89	US-6,026,911	02-22-2000	Angle et al.	
	A90	US-6,024,169	02-15-2000	Haugen	
	A91	US-6,012,529	01-11-2000	Mikolajczyk, et al.	
	A92	US-5,957,225	09-28-1999	Sinor	
	A93	US-5,950,742	09-14-1999	Caraway	
	A94	US-5,947,213	09-07-1999	Angle et al.	
	A95	US-5,931,231	08-03-1999	Mock	
	A96	US-5,921,332	07-13-1999	Spedale, Jr.	

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Sheet 5 of 24

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Application Number	10/625,840
Filing Date	July 23, 2003
First Named Inventor	David M. Haugen
Art Unit	3676
Examiner Name	Zakiya W. Bates
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		Number - Kind Code ² (if known)			
JB	A97	US-5,921,285	07-13-1999	Quigley et al.	class 3676 sub 6
	A98	US-5,913,337	06-22-1999	Williams et al.	
	A99	US-5,908,049	06-01-1999	Williams et al.	
	A100	US-5,894,897	04-20-1999	Vail, III	
	A101	US-5,890,549	04-06-1999	Sprehe	
	A102	US-5,890,537	04-06-1999	Lavaure et al.	
	A103	US-5,887,668	03-30-1999	Haugen et al.	
	A104	US-5,887,655	03-30-1999	Haugen, et al.	
	A105	US-5,878,815	03-09-1999	Collins	
	A106	US-5,860,474	01-19-1999	Stoltz et al.	
	A107	US-5,845,722	12-08-1998	Makohl et al.	
	A108	US-5,842,530	12-01-1998	Smith et al.	
	A109	US-5,839,519	11-24-1998	Spedale, Jr.	
	A110	US-5,839,330	11-24-1998	Stokka	
	A111	US-5,836,409	11-17-1998	Vail, III	
	A112	US-5,833,002	11-10-1998	Holcombe	
	A113	US-5,829,520	11-03-1998	Johnson	
	A114	US-5,828,003	10-27-1998	Thomeer et al.	
	A115	US-5,826,651	10-27-1998	Lee, et al.	
✓	A116	US-5,803,666	09-08-1998	Keller	
	A117	US-5,787,978	08-04-1998	Carter, et al.	
	A118	US-5,785,134	07-28-1998	McLeod et al.	
	A119	US-5,785,132	07-28-1998	Richardson, et al.	
	A120	US-5,746,276	05-05-1998	Stuart	

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ZB	A121	US-5,743,344	04-28-1998	McLeod et al.	Class Sub
	A122	US-5,732,776	03-31-1998	Tubel et al.	
	A123	US-5,720,356	02-24-1998	Gardes	
	A124	US-5,717,334	02-10-1998	Vail, III, et al.	
	A125	US-5,711,382	01-27-1998	Hansen et al.	
	A126	US-5,708,905	01-13-1998	Barr	
	A127	US-5,667,026	09-16-1997	Lorenz et al.	
	A128	US-5,667,023	09-16-1997	Harrell et al.	
	A129	US-5,662,182	09-02-1997	McLeod et al.	
	A130	US-5,662,170	09-02-1997	Donovan et al.	
	A131	US-5,661,888	09-02-1997	Hanslik	
	A132	US-5,651,420	07-29-1997	Tibbitts et al.	
	A133	US-2,741,907	08-06-1997	Genender, et al.	
	A134	US-5,615,747	04-01-1997	Vail, III	
	A135	US-5,613,567	03-25-1997	Hudson	
J	A136	US-5,582,259	12-10-1996	Barr	
	A137	US-5,575,344	11-19-1996	Wireman	
	A138	US-5,560,440	10-01-1996	Tibbitts	
	A139	US-5,560,437	10-01-1996	Dickel et al.	
	A140	US-5,553,679	09-10-1996	Thorp	
	A141	US-5,551,521	09-03-1996	Vail, III	
	A142	US-5,547,029	08-20-1996	Rubbo et al.	
	A143	US-5,535,838	07-18-1996	Keshavan et al.	
	A144	US-5,535,824	07-18-1996	Hudson	

Examiner Signature	<i>Z. Bates</i>	Date Considered	2/1/06
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Sheet	7	of	24

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Examiner Initials *	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear <i>Sub</i>
		Number - Kind Code ² (if known)			
<i>ZB</i>	A145	US-5,528,880	08-18-1998	Jordan, Jr., et al.	<i>Class</i>
	A146	US-5,520,255	05-28-1998	Barr et al.	
	A147	US-5,497,840	03-12-1998	Hudson	
	A148	US-5,477,925	12-26-1995	Trahan, et al.	
	A149	US-5,472,057	12-05-1995	Winfree	
	A150	US-5,458,209	10-17-1995	Hayes, et al.	
	A151	US-5,548,317	10-10-1995	Hood, III, et al.	
	A152	US-5,452,923	09-26-1995	Smith	
	A153	US-5,435,400	07-25-1995	Smith	
	A154	US-5,402,856	04-04-1995	Warren, et al.	
	A155	US-5,386,748	02-07-1995	Hauk	
	A156	US-5,379,835	01-10-1995	Streich	
	A157	US-5,375,668	12-27-1994	Hallundbaek	
	A158	US-5,368,113	11-29-1994	Schulze-Beckinghausen	
	A159	US-5,361,859	11-08-1994	Tibbitts	
	A160	US-5,355,967	10-18-1994	Mueller et al.	
	A161	US-5,354,150	10-11-1994	Canales	
	A162	US-5,353,872	10-11-1994	Wittrisch	
<i>ZB</i>	A163	US-5,348,095	09-20-1994	Worrall, et al.	
	A164	US-5,343,951	09-06-1994	Cowan et al.	
	A165	US-5,343,950	09-06-1994	Hale et al.	
	A166	US-5,332,048	07-26-1994	Underwood et al.	
	A167	US-5,323,858	06-28-1994	Jones et al.	
	A168	US-5,322,127	06-21-1991	McNair et al.	

Examiner Signature	<i>Z. Bates</i>	Date Considered	<i>2/1/06</i>
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Substitute for form 1449A/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Application Number	10/625,840
		Filing Date	July 23, 2003
		First Named Inventor	David M. Haugen
		Art Unit	3676
		Examiner Name	Zakiya W. Bates
Sheet	8	of	24
		Attorney Docket Number	WEAT/0116.C1

U.S. PATENT DOCUMENTS					
Examiner Initials *	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
<i>ZWB</i>	A169	US-5,320,178	06-14-1994	Comette	
	A170	US-5,318,122	06-07-1994	Murray, et al.	
	A171	US-5,305,830	04-26-1994	Wittrisch	
	A172	US-5,294,228	03-15-1994	Willis et al.	
	A173	US-5,291,956	03-08-1994	Mueller et al.	
	A174	US-5,285,204	02-08-1994	Sas-Jaworsky	
	A175	US-5,285,008	02-08-1994	Sas-Jaworsky et al.	
	A176	US-5,271,472	12-21-1993	Letumo	
	A177	US-5,255,741	10-26-1993	Alexander	
	A178	US-5,234,052	08-10-1993	Coone et al.	
	A179	US-5,197,553	03-30-1993	Letumo	
	A180	US-5,186,265	02-16-1993	Hanson et al.	
	A181	US-5,181,571	01-27-1993	Mueller	
	A182	US-5,172,765	12-22-1992	Sas-Jaworsky	
	A183	US-5,168,942	12-08-1992	Wydrinski	
	A184	US-5,160,925	11-03-1992	Dailey et al.	
	A185	US-5,148,875	09-22-1992	Karlsson et al.	
	A186	US-Re 34,063	09-15-1992	Vincent, et al.	
	A187	US-5,111,893	05-12-1992	Kvello-Aune	
	A188	US-5,109,924	05-05-1992	Jurgens, et al.	
	A189	US-5,096,465	03-17-1992	Chen et al.	
	A190	US-5,082,069	01-21-1992	Seiler et al.	
	A191	US-5,074,366	12-24-1991	Karlsson et al.	
	A192	US-5,069,297	12-03-1991	Krueger	

Examiner Signature	<i>Z. Bates</i>	Date Considered	<i>2/1/06</i>
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Application Number	10/625,840
				Filing Date	July 23, 2003
				First Named Inventor	David M. Haugen
				Art Unit	3676
				Examiner Name	Zakiya W. Bates
Sheet	9	of	24	Attorney Docket Number	WEAT/0116.C1

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		Number - Kind Code ² (if known)				
3/B	A193	US-5,060,737	10-29-1991	Mohn	Class	Sub
	A194	US-5,060,542	10-29-1991	Hauk		
	A195	US-5,052,483	10-01-1991	Hudson		
	A196	US-5,049,020	09-17-1991	McArthur		
	A197	US-5,027,914	07-02-1991	Wilson		
	A198	US-5,022,472	08-11-1991	Bailey et al.		
	A199	US-4,962,822	10-16-1990	Pascale		
	A200	US-4,962,819	10-16-1990	Bailey, et al.		
	A201	US-4,960,173	10-02-1990	Cognevich, et al.		
	A202	US-4,921,386	05-01-1990	McArthur		
	A203	US-4,904,119	02-27-1990	Legendre, et al.		
	A204	US-4,186,628	02-05-1990	Bonnice		
	A205	US-4,962,822	01-16-1990	Pascale		
	A206	US-4,880,058	11-14-1989	Lindsey et al.		
	A207	US-4,854,386	08-08-1989	Baker et al.		
	A208	US-4,848,469	07-18-1989	Baugh et al.		
✓	A209	US-4,843,945	07-04-1989	Dinsdale		
	A210	US-4,842,081	06-27-1989	Parant		
	A211	US-4,838,299	06-06-1989	Bodine		
	A212	US-4,832,552	05-23-1989	Skelly		
	A213	US-4,825,947	05-02-1989	Mikolajczyk		
	A214	US-4,813,495	03-21-1989	Leach		
	A215	US-4,765,416	08-23-1988	Bjerking et al.		
	A216	US-4,760,882	08-02-1988	Novak		

Examiner Signature	<i>Z. Bates</i>	Date Considered	2/1/06
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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Sheet 10 of 24

Complete if Known

Application Number	10/625,840
Filing Date	July 23, 2003
First Named Inventor	David M. Haugen
Art Unit	3676
Examiner Name	Zakiya W. Bates
Attorney Docket Number	WEAT/0116.C1

U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
3B	A217	US-4,735,270	04-05-1988	Fenyvesi	Class 500 Sub 500
	A218	US-4,725,179	02-16-1988	Woolslayer et al.	
	A219	US-4,699,224	10-13-1987	Burton	
	A220	US-4,688,873	08-18-1987	Lang et al.	
	A221	US-4,681,158	07-21-1987	Pennison	
	A222	US-4,671,358	06-09-1987	Lindsey, Jr. et al.	
	A223	US-4,655,286	04-07-1987	Wood	
	A224	US-4,652,195	03-24-1987	McArthur	
	A225	US-4,651,837	03-24-1987	Mayfield	
	A226	US-4,630,691	12-23-1986	Hooper	
	A227	US-4,620,600	11-04-1986	Persson	
	A228	US-4,604,818	08-12-1986	Inoue	
	A229	US-4,595,058	08-17-1986	Nations	
	A230	US-4,589,495	05-20-1986	Langer et al.	
	A231	US-4,583,603	04-22-1986	Dortmans et al.	
	A232	US-4,580,631	04-08-1986	Baugh	
	A233	US-4,545,443	10-08-1985	Wiredal	
	A234	US-4,544,041	10-01-1985	Rinaldi	
	A235	US-4,515,045	05-07-1985	Gnatchenko, et al.	
	A236	US-4,489,793	12-25-1984	Boren	
	A237	US-4,483,389	11-20-1984	Colgate	
	A238	US-4,474,243	10-02-1984	Gaines	
	A239	US-4,472,002	09-18-1984	Beney et al.	
	A240	US-4,470,470	09-11-1984	Takano	

Examiner
Signature

Z. Bates

Date
Considered

2/1/06

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**INFORMATION DISCLOSURE
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Sheet 11 of 24

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Application Number	10/625,840
Filing Date	July 23, 2003
First Named Inventor	David M. Haugen
Art Unit	3676
Examiner Name	Zakiya W. Bates
Attorney Docket Number	WEAT/0116.C1

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		Number - Kind Code ³ (if known)			class	sub	
ZB	A241	US-4,466,498	08-21-1984	Bardwell			
	A242	US-4,463,814	08-07-1984	Horstmeyer et al.			
	A243	US-4,460,053	07-17-1984	Jurgens et al.			
	A244	US-4,446,745	05-08-1994	Stone, et al.			
	A245	US-4,440,220	04-03-1984	McArthur			
	A246	US-4,413,682	11-08-1983	Callihan et al.			
	A247	US-4,408,669	10-11-1983	Wiredal			
	A248	US-4,396,076	08-02-1983	Inoue			
	A249	US-4,396,077	09-12-1981	Radtke			
	A250	US-4,384,627	05-24-1983	Ramirez-Jauregui			
	A251	US-4,336,415	06-22-1982	Walling			
	A252	US-4,315,553	02-16-1982	Stallings			
	A253	US-4,287,949	09-08-1981	Lindsey, Jr.			
	A254	US-4,281,722	08-04-1981	Tucker et al.			
	A255	US-4,274,778	06-23-1981	Putnam, et al.			
	A256	US-4,274,777	08-23-1981	Scaggs			
	A257	US-4,262,693	04-21-1981	Giebeler			
	A258	US-4,257,442	03-24-1981	Claycomb			
	A259	US-4,227,197	10-07-1980	Nimmo, et al.			
	A260	US-4,221,269	09-09-1980	Hudson			
	A261	US-4,189,185	02-19-1980	Kammerer, Jr., et al.			
	A262	US-4,175,619	11-27-1979	Davis			
	A263	US-4,173,457	11-06-1979	Smith			
	A264	US-4,142,739	03-08-1979	Billingsley			

Examiner
Signature

Z. Bates

Date
Considered

2/1/06

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		Filing Date	July 23, 2003
		First Named Inventor	David M. Haugen
		Art Unit	3676
		Examiner Name	Zakiya W. Bates
Sheet 12 of 24	Attorney Docket Number	WEAT/0116.C1	

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<i>Z</i>	A265	US-4,133,398	01-09-1979	Tschirky	<i>Class</i> <i>Sub</i>
	A266	US-4,100,981	07-18-1978	Chaffin	
	A267	US-4,085,808	04-25-1978	Kling	
	A268	US-4,083,405	04-11-1978	Shirley	
	A269	US-4,082,144	04-04-1978	Marquis	
	A270	US-4,077,525	03-07-1978	Callegari et al.	
	A271	US-4,064,939	12-27-1977	Marquis	
	A272	US-4,054,428	10-18-1977	White	
	A273	US-4,049,068	09-20-1977	Richey	
	A274	US-3,980,143	09-14-1976	Swartz et al.	
	A275	US-3,964,558	08-22-1976	Gearhart et al.	
	A276	US-3,945,444	03-23-1976	Knudson	
	A277	US-3,934,660	01-27-1976	Nelson	
	A278	US-3,901,331	08-26-1975	Djurovic	
	A279	US-3,885,679	05-27-1975	Swoboda, Jr. et al.	
	A280	US-3,881,375	05-06-1975	Kelly	
	A281	US-3,870,114	03-11-1975	Pulk, deceased et al.	
	A282	US-3,840,128	10-08-1974	Swoboda, Jr. et al.	
	A283	US-3,838,613	10-01-1974	Wilms	
	A284	US-3,808,916	05-07-1974	Porter et al.	
	A285	US-3,785,193	01-15-1974	Kinley et al.	
	A286	US-3,760,894	09-25-1973	Pitlifer	
	A287	US-3,729,057	04-24-1973	Wemer	
<i>V</i>	A288	US-3,700,048	10-24-1972	Desmoulins	

Examiner Signature	<i>Z. Bates</i>	Date Considered	<i>2/1/06</i>
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				Art Unit	3676
				Examiner Name	Zakiya W. Bates
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		Number - Kind Code ³ (if known)			
3B	A289	US-3,692,126	09-19-1972	Rushing et al.	class 283 Sub
	A290	US-3,691,624	09-19-1972	Kinley	
	A291	US-3,669,190	08-13-1972	Sizer et al.	
	A292	US-3,658,564	04-18-1972	Brown	
	A293	US-3,624,760	11-30-1971	Bodine	
	A294	US-3,603,413	09-07-1971	Grill, et al.	
	A295	US-3,603,412	09-07-1971	Kammerer, Jr. et al.	
	A296	US-3,603,411	09-07-1971	Link	
	A297	US-3,575,245	04-20-1971	Cordary, et al.	
	A298	US-3,559,739	02-02-1971	Hutchison	
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	A307	US-3,353,599	11-21-1987	Swift	
	A308	US-3,191,680	06-29-1985	Vincent	
	A309	US-3,191,677	06-29-1985	Kinley	
	A310	US-3,169,592	02-26-1985	Kammerer	
	A311	US-3,159,219	12-01-1964	Scott	
	A312	US-3,123,160	03-03-1964	Kammerer	

Examiner Signature	<i>Z. Bates</i>	Date Considered	2/1/06
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Substitute for form 1449A/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Application Number	10/625,840
		Filing Date	July 23, 2003
		First Named Inventor	David M. Haugen
		Art Unit	3676
		Examiner Name	Zakiya W. Bates
Sheet 14 of 24	Attorney Docket Number	WEAT/0116.C1	

U.S. PATENT DOCUMENTS					
Examiner Initials *	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Class Figures Appear Sub.
		Number - Kind Code ² (if known)			
ZB	A313	US-3,122,811	03-03-1954	Gilreath	
	A314	US-3,102,589	09-03-1963	Hillburn	
	A315	US-3,087,546	04-30-1963	Wooley	
	A316	US-3,008,415	10-31-1961	Burns, et al.	
	A317	US-2,978,047	04-04-1961	DeVaun	
	A318	US-2,805,043	09-03-1957	Williams	
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	A320	US-2,764,329	09-25-1956	Hampton	
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	A329	US-2,627,891	02-10-1953	Clark	
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	A331	US-2,610,690	09-16-1952	Beatty	
	A332	US-2,522,444	09-12-1950	Grable	
	A333	US-2,499,630	03-07-1950	Clark	
	A334	US-2,324,679	07-20-1943	Cox	
	A335	US-2,295,803	09-15-1940	O'Leary	
	A336	US-2,216,895	10-08-1940	Stokes	
	A337	US-2,214,429	09-10-1940	Miller	
	A338	US-2,060,352	11-11-1936	Stokes	
	A339	US-2,049,450	08-04-1936	Johnson	

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				Filing Date	July 23, 2003
				First Named Inventor	David M. Haugen
				Art Unit	3676
				Examiner Name	Zakiya W. Bates
Sheet	15	of	24	Attorney Docket Number	WEAT/0116.C1

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		Number - Kind Code ³ (if known)			
✓	A340	US-2,017,451	10-15-1935	Wickersham	
	A341	US-1,981,525	11-20-1934	Price	
	A342	US-1,880,218	10-04-1932	Simmons	
	A343	US-1,842,838	01-26-1932	Wigle	
	A344	US-1,342,424	06-08-1920	Cotten	
	A345	US-1,301,285	04-22-1919	Leonard	
	A346	US-1,185,582	05-30-1916	Bignell	
	A347	US-2005-0000691	01-08-2005	Giroux, et al.	
	A348	US-2004-0262013	12-30-2004	Tilton, et al.	
	A349	US-2004-0251055	12-16-2004	Shahin, et al.	
	A350	US-2004-0251050	12-16-2004	Shahin, et al.	
	A351	US-2004-0251025	12-16-2004	Giroux, et al.	
	A352	US-2004-0245020	12-09-2004	Giroux, et al.	
	A353	US-2004-0244992	12-09-2004	Carter, et al.	
	A354	US-2004-0226751	11-18-2004	McKay, et al.	
	A355	US-2004-0221997	11-11-2004	Giroux, et al.	
	A356	US-2004-0218924	11-04-2004	Pietras, et al.	
	A357	US-2004-0218892	11-04-2004	Giroux, et al.	
	A358	US-2004-0124011	07-01-2004	Gledhill et al.	
	A359	US-2004-0003490	01-08-2004	Shahin et al.	
	A360	US-2003-0221519	12-04-2003	Haugen et al.	
	A361	US-2003-0217885	11-27-2003	Simpson, et al.	
	A362	US-2003-0146023	08-07-2003	Pia	
✓	A363	US-2003-0141111	07-31-2003	Pia	
	A364	US-2003-0111267	06-19-2003	Pia	

Examiner Signature	<i>Z. Bates</i>	Date Considered	2/1/06
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Filing Date	July 23, 2003
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				Art Unit	3676
				Examiner Name	Zakiya W. Bates
				Attorney Docket Number	WEAT/0116.C1
(Use as many sheets as necessary)					
Sheet	16	of	24		

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		Number - Kind Code ² (if known)			
ZJB	A365	US-2003-0070841	04-17-2003	Marecka et al.	CL 600 Sub.
	A366	US-2003-0056891	03-27-2003	Hahn et al.	
	A367	US-2002-0189863	12-19-2002	Wardley	
	A368	US-2002-0066556	06-06-2002	Goode et al.	
	A369	US-2002-0040787	04-11-2002	Cook, et al.	
	A370	US-2001-0042625	11-22-2001	Appleton	
*/	A371	US Patent Application 10/69,572, filed June 5, 2002 (WEAT/0411)			
	A372	US Patent Application 10/613,892, filed July 21, 2002 (WEAT/0403)			

Examiner Signature	<i>Z. Bates</i>	Date Considered	2/1/06
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* U.S. references considered only for Double Patenting purposes.

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Sheet 17 of 24

Complete if Known

Application Number	10/625,840
Filing Date	July 23, 2003
First Named Inventor	David M. Haugen
Art Unit	3676
Examiner Name	Zakiya W. Bates
Attorney Docket Number	WEAT/0116.C1

FOREIGN PATENT DOCUMENTS

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		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				
ZB	B1	DE 3 213 484	10-13-1983	Reimer		
	B2	DE 4 133 802	10-22-1992	Andrejewski		
	B3	EP 0 235 105	09-02-1987	Kjell-Oue		
	B4	EP 0 265 344	04-27-1988	Legendre		
	B5	EP 0 462 618	12-27-1991	Karlsson		
	B6	EP 0479583	04-08-1992	Gonzalez, et al.		
	B7	EP 0 554 568	08-11-1993	Tibbits, et al.		
	B8	EP 0 571 045	08-19-1998	EP		
	B9	EP 0 981 007	12-08-1999	Gano, et al.		
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	B12	EP 1148206	10-24-2001	Scott, et al.		
	B13	FR 2053088	07-20-1970	Gottwald		
	B14	FR 2741907	06-06-1997	Leighton		
	B15	GB 540 027	10-02-1941			
	B16	GB 7 928 86	04-12-1958			
	B17	GB 8 388 33	08-22-1960			
	B18	GB 9 977 21	07-07-1965	Garnier, et al.		
	B19	GB 1 277 481	08-03-1972			
	B20	GB 1 448 304	09-02-1976			
	B21	GB 1 469 661	04-06-1977	Swobda, et al.		
	B22	GB 1 582 392	01-07-1981			
	B23	GB 2 053 088	02-04-1981	Gebhart		
	B24	GB 2 201 912	09-14-1988	Dinsdale		
	B25	GB 2 216 926	10-18-1989	Haloid		
	B26	GB 2 313 860	02-10-1997	Lee		
	B27	GB 2 320 270	06-17-1998	Amell, et al.		

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(Use as many sheets as necessary)

Sheet 18 of 24

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Application Number	10/625,840
Filing Date	July 23, 2003
First Named Inventor	David M. Haugen
Art Unit	3676
Examiner Name	Zakiya W. Bates
Attorney Docket Number	WEAT/0116.C1

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		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				
30	B28	GB 2 333 542	07-28-1999	Kirk		
	B29	GB 2 335 217	09-15-1999	Desai		
	B30	GB 2 347 445	09-08-2000	Metcalf, et al.		
	B31	GB 2 348 223	09-27-2000	Cook, et al.		
	B32	GB 2 357 101	08-13-2001	UK		
	B33	GB 2 365 463	02-20-2002	Giancarlo		
	B34	GB 2 381 809	05-14-2003	Ohmer		
	B35	GB 2 382 361	05-28-2003	Hewson, et al.		
	B36	WO 90-06418	08-14-1990	Schulze- Bechinghausen		
	B37	WO 91-16520	10-31-1991	Hallundbaek		
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	B39	WO 92-18743	10-29-1992	Pietras		
	B40	WO 92-20899	11-26-1992	Ellis		
	B41	WO 93-24728	12-09-1993	Simpson		
	B42	WO 95-10686	04-20-1995	Lorenz, et al.		
	B43	WO 96-28635	09-19-1996	Strong, et al.		
	B44	WO 97-05360	02-13-1997	Collins		
	B45	WO 97-08418	03-08-1997	WIPO		
	B46	WO 98-09053	03-05-1998	Murray, et al.		
	B47	WO 98-55730	12-10-1998	WIPO		
	B48	WO 99-04135	01-28-1999	Collins		
	B49	WO 99-11902	03-11-1999	Hollingsworth		
	B50	WO 99-23354	05-14-1999	Metcalf		
	B51	WO 99-24889	05-20-1999	Collins		
	B52	WO 99-37881	07-29-1999	Kirk, et al.		
	B53	WO 99-64713	12-18-1999	Wardley		
	B54	WO 00-08293	02-17-2000	Van Drentham- Susman		

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		Filing Date	July 23, 2003
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Sheet 19 of 24	Attorney Docket Number	WEAT/0116.C1	

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		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)					
3B	B55	WO 00-28188		05-18-2000	WIPO		
	B56	WO 00-37766		06-29-2000	Simpson, et al.		
	B57	WO 00-37771		06-29-2000	WIPO		
	B58	WO 00-50730		08-31-2000	WIPO		
	B59	WO 00/52297		09-08-2000	Juhasz, et al.		
	B60	WO 01-12946		02-22-2001	WIPO		
	B61	WO 01-46550		06-28-2001	WIPO		
	B62	WO 01/59253		08-18-2001	Bouligny		
	B63	WO 01-79650		10-25-2001	WIPO		
	B64	WO 01-81708		11-01-2001	WIPO		
	B65	WO 01-83932		11-08-2001	Tulloch		
	B66	WO 01-94738		12-13-2001	WIPO		
	B67	WO 01-94739		12-13-2001	WIPO		
	B68	WO 02-086287		10-31-2002	WIPO		
	B69	WO 03-074836		09-12-2003	Philip		

Examiner Signature	<i>Z. Bates</i>	Date Considered	2/1/06
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Substitute for form 1449A/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Application Number	10/625,840
		Filing Date	July 23, 2003
		First Named Inventor	David M. Haugen
		Art Unit	3676
		Examiner Name	Zakiya W. Bates
		Attorney Docket Number	WEAT/0116.C1
Sheet	20	of	24

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
30	C1	HAHN, ET AL., "Simultaneous Drill and Case Technology - Case Histories, Status and Options for Further Development," Society of Petroleum Engineers, IADC/SPE Drilling Conference, New Orleans, LA Feb. 23-25, 2000 pp. 1-9.	
	C2	M.B. STONE and J. SMITH, "Expandable Tubulars and Casing Drilling are Options" Drilling Contractor, January/February 2002, pp. 52.	
	C3	M. GELFGAT, "Retractable Bits Development and Application" Transactions of the ASME, Vol. 120, June (1998), pp. 124-130.	
	C4	"First Success with Casing-Drilling" World Oil, February (1999), Vol. 220, No.2	
	C5	DEAN E. GADDY, Editor, "Russia Shares Technical Know-How with U.S." Oil & Gas Journal, March (1999), pp. 51-52 and 54-56.	
	C6	Rotary Steerable Technology - Technology Gains Momentum, Oil & Gas Journal, 12/28/1998	
	C7	Directional Drilling, M. Mims, World Oil, May 1999, pp. 40-43	
	C8	Multilateral Classification System w/Example Applications, Alan MacKenzie & Cliff Hogg, World Oil, Jan. 1999, pp. 55-61	
	C9	Tarr, et al., "Casing-while-Drilling: The Next Step Change In Well Construction," World Oil, October 1999, pp. 34-40	
	C10	De Leon Mojarro, "Breaking A Paradigm: Drilling With Tubing Gas Wells," SPE Paper 40051, SPE Annual Technical Conference And Exhibition, March 3-5, 1998, pp. 465-472	
	C11	De Leon Mojarro, "Drilling/Completing With Tubing Cuts Well Costs By 30%," World Oil, July 1998, pp. 145-150	
✓	C12	Littleton, "Refined Slimhole Drilling Technology Renews Operator Interest," Petroleum Engineer International, June 1992, pp. 19-26	

Examiner Signature	<i>Z. Bates</i>	Date Considered	2/1/06
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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Sheet 21

of

24

Complete If Known

Application Number	10/625,840
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First Named Inventor	David M. Haugen
Art Unit	3676
Examiner Name	Zakiya W. Bates
Attorney Docket Number	WEAT/0116.C1

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3/B	C13	Anon. "Slim Holes Fat Savings," Journal of Petroleum Technology, September 1992, pp. 816-819	
	C14	Anon. "Slim Holes, Slimmer Prospect," Journal of Petroleum Technology, November 1995, pp. 949-952	
	C15	Vogt, et al., "Drilling Liner Technology For Depleted Reservoir," SPE Paper 36827, SPE Annual Technical Conference And Exhibition, October 22-24, pp. 127-132	
	C16	Mojarro, et al., "Drilling/Completing With Tubing Cuts Well Costs By 30%," World Oil, July 1998, pp. 145-150	
	C17	Sinor, et al., Rotary Liner Drilling For Depleted Reservoirs," IADC/SPE Paper 39399, IADC/SPE Drilling Conference, March 3-6, 1998, pp 1-13	
	C18	Editor, "Innovation Starts At The Top At Tesco," The American Oil & Gas Reporter, April, 1998, p. 65	
	C19	Tessari, et al., "Casing Drilling - A Revolutionary Approach To Reducing Well Costs," SPE/IADC Paper 52789, SPE/IADC Drilling Conference, March 9-11, 1999, pp. 221-229	
	C20	Silverman, "Novel Drilling Method - Casing Drilling Process Eliminates Tripping String," Petroleum Engineer International, March 1999, p. 15	
	C21	Silverman, "Drilling Technology - Retractable Bit Eliminates Drill String Trips," Petroleum Engineer International, April 1999, p. 15	
	C22	Laurent, et al., "A New Generation Drilling Rig: Hydraulically Powered And Computer Controlled," CADE/CAODC Paper 99-120, CADE/CAODC Spring Drilling Conference, April 7 & 8, 1999, 14 pages	
↓	C23	Madell, et al., "Casing Drilling An Innovative Approach To Reducing Drilling Costs," CADE/CAODC Paper 99-121, CADE/CAODC Spring Drilling Conference, April 7 & 8, 1999, pp. 1-12	
	C24	Tessari, et al., "Focus: Drilling With Casing Promises Major Benefits," Oil & Gas Journal, May 17, 1999, pp. 58-62	
	C25	Laurent, et al., "Hydraulic Rig Supports Casing Drilling," World Oil, September 1999, pp. 61-68	

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		Filing Date	July 23, 2003
		First Named Inventor	David M. Haugen
		Art Unit	3676
		Examiner Name	Zakiya W. Bates
Sheet 22 of 24	Attorney Docket Number	WEAT/0116.C1	

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3B	C26	Perdue, et al., "Casing Technology Improves," Hart's E & P, November 1999, pp. 135-136	
	C27	Warren, et al., "Casing Drilling Application Design Considerations," IADC/SPE Paper 59179, IADC/SPE Drilling Conference, February 23-25, 2000 pp 1-11	
	C28	Warren, et al., "Drilling Technology: Part I - Casing Drilling With Directional Steering In The U.S. Gulf Of Mexico," Offshore, January 2001, pp. 50-52	
	C29	Warren, et al., "Drilling Technology: Part II - Casing Drilling With Directional Steering In The Gulf Of Mexico," Offshore, February 2001, pp. 40-42	
	C30	Shepard, et al., "Casing Drilling: An Emerging Technology," IADC/SPE Paper 67731, SPE/IADC Drilling Conference, February 27-March 1, 2001, pp. 1-13	
	C31	Editor, "Tesco Finishes Field Trial Program," Drilling Contractor, March/April 2001, p. 53	
	C32	Warren, et al., "Casing Drilling Technology Moves To More Challenging Application," AADE Paper 01-NC-HO-32, AADE National Drilling Conference, March 27-29, 2001, pp. 1-10	
	C33	Shephard, et al., "Casing Drilling: An Emerging Technology," SPE Drilling & Completion, March 2002, pp. 4-14	
	C34	Shephard, et al., "Casing Drilling Successfully Applied In Southern Wyoming," World Oil, June 2002, pp. 33-41	
	C35	Forest, et al., "Subsea Equipment For Deep Water Drilling Using Dual Gradient Mud System," SPE/IADC Drilling Conference, Amsterdam, The Netherlands, February 27, 2001-March 01, 2001, 8 pages	
	C36	"World's First Drilling With Casing Operation From A Floating Drilling Unit, September 2003, 1 page	
	C37	Filippov, et al., "Expandable Tubular Solutions," SPE paper 56500, SPE Annual Technical Conference And Exhibition, October 3-6, 1999, pp. 1-16	
	C38	Coronado, et al., "Development Of A One-Trip ECP Cement Inflation And Stage Cementing System For Open Hole Completions," IADC/SPE Paper 39345, IADC/SPE Drilling Conference, March 3-6, 1998, pp. 473-481	

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ZB	C39	Coronado, et al., "A One-Trip External-Casing-Packer Cement-Inflation And Stage-Cementing System," Journal Of Petroleum Technology, August 1998, pp. 78-77	
	C40	Quigley, "Coiled Tubing And Its Applications," SPE Short Course, Houston, Texas, October 3, 1999, 9 pages	
	C41	Bayfield, et al., "Burst And Collapse Of A Sealed Multilateral Junction: Numerical Simulations," SPE/IADC Paper 52873, SPE/IADC Drilling Conference, March 9-11, 1999, 8 pages	
	C42	Marker, et al. "Anaconda: Joint Development Project Leads To Digitally Controlled Composite Coiled Tubing Drilling System," SPE paper 60750, SPE/ICOTA Coiled Tubing Roundtable, April 5-6, 2000, pp 1-9	
	C43	Cales, et al., "Subsidence Remediation - Extending Well Life Through The Use Of Solid Expandable Casing Systems, AADE Paper 01-NC-HO-24, American Association Of Drilling Engineers, March 2001 Conference, pp. 1-16	
	C44	Coats, et al., "The Hybrid Drilling Unite: An Overview Of an Integrated Composite Coiled Tubing And Hydraulic Workover Drilling System," SPE Paper 74349, SPE International Petroleum Conference And Exhibition, February 10-12, 2002, pp. 1-7	
	C45	Sander, et al., "Project Management And Technology Provide Enhanced Performance For Shallow Horizontal Wells," IADC/SPE Paper 74466, IADC/SPE Drilling Conference, February 26-28, 2002, pp. 1-9	
	C46	Coats, et al., "The Hybrid Drilling System: Incorporating Composite Coiled Tubing And Hydraulic Workover Technologies Into One Integrated Drilling System," IADC/SPE Paper 74538, IADC/SPE Drilling Conference, February 26-28, 2002, pp 1-7	
	C47	Galloway, "Rotary Drilling With Casing - A Field Proven Method Of Reducing Wellbore Construction Cost," Paper WOCD-0306092, World Oil Casing Drilling Technical Conference, March 6-7, 2003, pp. 1-7	
	C48	Fontenot, et al., "New Rig Design Enhances Casing Drilling Operations In Lobo Trend," paper WOCD-0306-04, World Oil Casing Drilling Technical Conference, March 6-7, 2003, pp. 1-13	
	C49	McKay, et al., "New Developments In The Technology Of Drilling With Casing: Utilizing A Displaceable DrillShoe Tool," Paper WOCD-0306-05, World Oil Casing Drilling Technical Conference, March 6-7, 2003, pp. 1-11	
✓	C50	Sutiriono - Santos, et al., "Drilling With Casing Advances To Floating Drilling Unit With Surface BOP Employed," Paper WOCD-0307-01, World Oil Casing Drilling Technical Conference, March 6-7, 2003, pp. 1-7	

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Sheet 24 of 24

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3B	C51	Vincent, et al., "Liner And Casing Drilling - Case Histories And Technology," Paper WOCD-0307-02, World Oil Casing Drilling Technical Conference, March 6-7, 2003, pp. 1-20	
	C52	Maute, "Electrical Logging: State-of-the Art," The Log Analyst, May-June 1992, pp. 206-27	
	C53	Tessari, et al., "Retrievable Tools Provide Flexibility for Casing Drilling," Paper No. WOCD-0306-01, World Oil Casing Drilling Technical Conference, 2003, pp. 1-11	
	C54	Evans, et al., "Development And Testing Of An Economical Casing Connection For Use In Drilling Operations," paper WOCD-0306-03, World Oil Casing Drilling Technical Conference, March 6-7, 2003, pp. 1-10	
	C55	DETLEF HAHN, FRIEDHELM MAKOH, and LARRY WATKINS, Casing-While Drilling System Reduces Hole Collapse Risks, Offshore, Pages 54, 56, and 59, February 1998	
	C56	YAKOV A. GELFGAT, MIKHAIL Y. GELFGAT and YURI S. LOPATIN, Retractable Drill Bit Technology - Drilling Without Pulling Out Drillpipe, Advanced Drilling Solutions Lessons From the FSU; June 2003; Vol. 2, pps. 351-464	
	C57	TOMMY WARREN, SPE, BRUCE HOUTCHENS, SPE, GARRET MADELL, SPE, Directional Drilling With Casing, SPE/IADC 79914, Tesco Corporation, SPE/IADC Drilling Conference 2003	
	C58	The Original Portable Top Drive Drilling System, TESCO Drilling Technology, 1997	

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